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Note: Bibliography reflects the latest situation

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Remarks:

This application was filed on 06 - 11 - 2003 as a
divisional application to the application mentioned
under INID code 62.

(54) **Process for the polymerization of olefins**

(57) Mixtures of different polyolefins or branched
polyolefins may be made by direct, preferably simulta-
neous, polymerization of one or more polymerizable ole-
fins using two or more transition metal containing active
polymerization catalyst systems, one of which contains
preferably late transition metals complexed to selected

ligands. The polyolefin products may have polymers
that vary in molecular weight, molecular weight distribu-
tion, crystallinity, or other factors, and are useful as
molding resins and for films.